Search for Selection Tutorial Schedule

Day 1: 8:00 8:45 9:00 10:30 11:00 12:30 1:30 3:00 3:30	Tests of neutral trait divergence (WL Chapter 12) Breakfast Welcome and Introduction to NIMBioS, Suzanne Lenhart Lecture 1: Drift in the mean of Quantitative Traits Break Lecture 2: Rate-based and time-series based tests Lunch Lecture 3: Qst vs Fst Break Lecture 4: Orr QTL tests (and their extensions)
5:00	Reception
8:00 8:45 10:15 10:45	Tests based on Molecular Data I (WL Chapters 8, 9) Breakfast Lecture 5: Sweep theory Break Lecture 6: Genome-wide Signatures from repeated past selection
12:15 12:25	Group Photo Lunch
1:30 3:00 3:30	Lecture 7: Polymorphism-based tests 1: Allele frequency changes and Lewontin-Krakauer tests Break Lecture 8: Polymorphism-based tests 2: Genome pattern-based tests and SFS tests
3.30	Lecture 6. Polymorphism-based tests 2. Genome pattern-based tests and 3F3 tests
8:00 8:45 10:15 10:45 12:15 1:30 3:00 3:30	Tests based on Molecular Data II (WL Chapters 9, 10) Breakfast Lecture 9: Polymorphism-based tests 3: Haplotype-based tests Break Lecture 10: Polymorphism-based tests 4: Domestication genes and other examples Lunch Lecture 11: Divergence-based tests 1: HKA and MK tests Break Lecture 12: Divergence-based tests 2: Rate of adaptive substitutions, Poisson random field models
Day 4: 8:00	Estimating Individual fitness (WL Chapter 29) Breakfast
8:45 10:15 10:45 12:15 1:30 3:00 3:30	Lecture 13: Episodes of Selection and the Assignment of Fitness Break Lecture 14: Variance in Individual Fitness, Bateman gradients, Trait-fitness associations I Lunch Lecture 15: Descriptions of Phenotypic Selection 1: Basics Break Lecture 16: Descriptions of Phenotypic Selection 2: Fitness surfaces
	Trait-fitness associations II (WL Chapter 30)
8:00 8:45 10:15 10:45 12:15	Breakfast Lecture 17: Multivariate selection 1: Basics Break Lecture 18: Multivariate selection 2: Fitness surfaces Lunch and Depart